



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Carter et al.

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Title: DUAL DRIVE FOR HYDRAULIC PUMP AND AIR BOOST COMPRESSOR

RESPONSE TO OFFICE ACTION

TO THE COMMISSIONER OF PATENTS:

AMENDMENT AND RESPONSE

In the Claims:

Please elect Group I, Species A and D (claims 1, 2 (amended), 3-12, 22, 23 (amended), and 24-29.)

# 5/A  
MB 6-18-03

Sub 1 (original) A dual drive system for providing power to two subsystems, the dual drive system comprising:

- a reversible drive power source, having a main shaft with a longitudinal main shaft axis, a first end, and a second end;
- a first over-running clutch assembly having a first output shaft, a first output speed, and having a free-wheeling rotational direction, the first over-running clutch assembly being connected to and driven by the first end of the main shaft;
- a second over-running clutch assembly having a second output shaft, a second output speed, and an opposite free-wheeling rotational direction, the second over-running clutch assembly being connected to and driven by the second end of the main shaft;
- a first subsystem, connected to and driven by the first output shaft; and
- a second subsystem, connected to and driven by the second output shaft.

2. (amended) The system of Claim 1, wherein the reversible drive power source is one of a dual-speed reversible electric motor, a multi-speed reversible electric motor, and a variable-speed reversible electric motor.



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